

ENGINEERING CHANGE NOTICE
DART AEROSPACE LTD

Date: 11.12.01	Job No.: ENG2106NOV	ADR Yes/No: Y	ADR Date: 11.11.23	ECN #: 11- 676
Product No.: D205-770-011		Created By: <i>JW</i>	Approved By: <i>JW</i>	
Product Name: REPLACEMENT ENGINE MOUNT KIT		Checked By: <i>JW</i>		

Distribution	Reqd	Resp	Initial / Date
Production Manager / Coord.	Y	LL/MF	
Purchasing Coord.	Y	CL	
Production Engineering Coord.	Y	DD	
		EC	

Distribution	Reqd	Resp	Initial / Date
DQA / QA Coord.	N		
QC Coordinator	Y	ED	
Customer Technical Support	Y	DS	
Marketing	Y	SW	
Customer Order Processing	N		

Reason for Change:

INCORPORATED DSI 9571 TO MANUFACTURING LEVEL (CONTINUATION OF NCR11-754)

Documents Affected:

RELEASE D3686 REV. E, DSI 9571 REV. B, AND SB11-5 REV. A

PARTS MUST COMPLY

PREVIOUS PARTS SATISFACTORY

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	Y	SW	ONLY BY POSTING SB11-5 REV. A ON WEBSITE	
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N			
5	Update Master Document List (MDL)	Y	MB	MDL-D205-770 REV. I	<i>11.12.02</i>
6	Update Product Compatiblity Matrix	N			
7	Create Eurocopter Form (FEE)	N			
8	Notify TC / FAA of Change	N			
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move Electronic Files/Design Journal	Y	KJ		<i>11.12.02</i>
11	Update Product Specification Files	Y	KJ	WITH DSI 9571 REV. B AND SB11-5 REV. A	<i>11.12.02</i>
12	Update Approved/Preliminary Dwg PDF Files	Y	KJ		<i>11.12.02</i>
13	Update Document Record (DR)	Y	MB	DR-D205-770 REV. E	<i>11.12.02</i>
14	Update Product Development Summary	N			
15	Update QSI 021 and/or STC Approval List	N			
16	Update Parts / STC Database	N			
17	Update / Verify ARC Database	N			
18	Create / Update Change Record Form / Item Card Database	Y	KJ	D205-770-011 NOW AT CHG 004	<i>11.12.02</i>
19	Create / Update PPP's	Y	KJ	AS REQUIRED	<i>11.12.02</i>
20	Red Decals required?	Y	KJ	AS REQUIRED	<i>N/A</i>
21	Update Document Control Database / Laminated Dwgs	N			
22	Update Grey Project / Electronic Binder PDF Files	Y	KJ	WITH ADR	<i>11.12.02</i>
23	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		<i>11.12.02</i>
24					

Description / Action:

- UPDATE D205-770-011 KITS IN STOCK
- UPDATE BOM/ROUTING FOR D3686-041 IAW D3686 REV. E

No SFA project issue off

2st

→ 11/30 v 11.12.02
12/01

ECN Verified & Complete: _____

Date: _____

List Lots

Page 1 of 1

December-02-11 9:22:37 AM

Criteria : Item ID: d3686-041 All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt Lot Code	Type Code	Comments
D3686-041 MONOPOD ASSEMBLY	Main Warehouse ST077	72001	11/15/11	2.0000	QC21		
			Total:	2.0000			

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D205-770 REV. C
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D205-770 REV. 2

REF. TCCA STC: SH08-8

REF. FAA STC: SR02690NY / SR02070SE

REF. EASA STC: EASA.IM.R.S.01528

1.0 PURPOSE

On D205-770-011 Replacement Engine Mount Kits at CHG 004 or later, the AN3C12A Bolts on the bottom of the D3686-041 Monopod Assembly are replaced with MS21250-03014 Bolts to prevent premature bolt failure in service. Customers with D205-770-011 Replacement Engine Mount Kits at CHG 003 or earlier are encouraged to procure the DSI 9571-011 Kit from Dart to upgrade their existing kits.

2.0 INSTALLATION

- 2.1 Temporarily suspend the weight of the engine using appropriate hoist and engine sling.
- 2.2 Unfasten qty(2) AN3C12A Bolts as shown in Figure 1 of this service instruction. Retain the D3692-1 Spacers and discard the AN3C12A Bolts and MS21043-3 Nuts.
- 2.3 Inspect the bearings for looseness in accordance with Section 5.1 of ICA-D205-770.
- 2.4 Install the MS21250-03014 Steel Tension Bolts, D3692-1 Spacers and MS21042-3 Nuts as shown in Figure 2 and ensure that the D3692-1 Spacers are correctly oriented along the face of the stud.
- 2.5 Torque bolts to 20 to 25 in-lbs (2.3 to 2.8 N-m).
- 2.6 Remove hoist and engine sling.

3.0 PARTS LIST

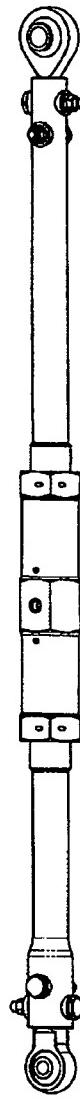
Qty -011	Part Number	Description
X	DSI 9571-011	BOLT SUBSTITUTION KIT
2	MS21042-3	NUT (OR MS21042L3)
2	MS21250-03014	STEEL TENSION BOLT

4.0 WEIGHT & BALANCE

This change has negligible effect on weight and balance

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	
D. SHEPHERD (DE # 02)	
DATE:	11.11.28
CERT. NO.:	SH08-8
ISSUE NO.:	1

B	PRODUCT IMPROVEMENT: PERMANENT CHANGE. (REF. NCR11-754)		MB	11.11.23
A	NEW ISSUE		MB	11.09.06
REV.	DESCRIPTION		BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	DRAWING NO. DSI 9571 TITLE BOLT SUBSTITUTION SCALE NTS	REV. B SHEET 1 OF 2
DRAWN				
CHECKED				
MFG. APPR.				
APPROVED				
DE APPR.				
DATE	11.11.23	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.		



AN3C12A BOLT
D3692-1 SPACER, 2X
MS21043-3 NUT
2 PL

FIGURE 1 (WAS)



MS21250-03014 BOLT
D3692-1 SPACER, 2X
MS21042-3 NUT
2 PL

FIGURE 2 (IS)

CANADA	
DEPARTMENT OF TRANSPORT	
AIRCRAFT CERTIFICATION	
BRANCH	
DAO # 01-O-01	
APPROVED	
BY:	
D. SHEPHERD (DE # 02)	
DATE:	11.11.28
CERT. NO.:	SH08-8
ISSUE NO.:	1

DESIGN	
DRAWN	
CHECKED	
MFG. APPR.	
APPROVED	
DE APPR.	
DATE	11.11.23
DART AEROSPACE LTD	
HAWKESBURY, ONTARIO, CANADA	
DRAWING NO.	REV. B
DSI 9571	SHEET 2 OF 2
TITLE	SCALE
BOLT SUBSTITUTION	
NTS	
COPYRIGHT © 2011 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	